

The Transformer or How Can You Change Inches Into Centimeters Without a Magic Wand?

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C	Mathamatica
Curriculum Area	Mathematics
Subject Area	Measurement
Grade Level	4 th grade
Learning Objectives	• The student will measure length in inches.
	• The student will estimate the conversion of inches to centimeters.
	• The student will compare student estimate to actual conversion.
Correlation to the	Math 4.13
SOL	C/T 5.2, 5.4
Video/Technology	For class:
Hardware/Software	Computer
Needed	Computer Projection System
	Spreadsheet software (such as Microsoft Works or ClarisWorks)
	For each student:
	Computer attached to a printer
	Spreadsheet software (such as Microsoft Works or ClarisWorks)
Materials Required	For each student:
_	Ruler with inch units
	Paper
Procedures/Activities	1. Have students make a chart on their paper with three columns: <i>Item, Length</i>
	in Inches, Estimate (CM).
	2. Give students a ruler and have them measure the length of a variety of items
	in the classroom (pencil, paper, book, desktop, etc.) in inches. They should
	record their measurements on the chart.